

ABSTRACT OF THE DISCLOSURE

A peer-to-peer communication apparatus connected to an IP network acquires, from a peer's communication apparatus, presence information including information for judging a communication security environment of the peer's communication apparatus and a security policy to be applied by the peer's communication apparatus to a packet, displays the presence information and security policy information such that a user can judge the prosperity of the security policy information based on the presence information, and processes a data packet to be transmitted to the peer's communication apparatus in accordance with the security policy approved by the user.